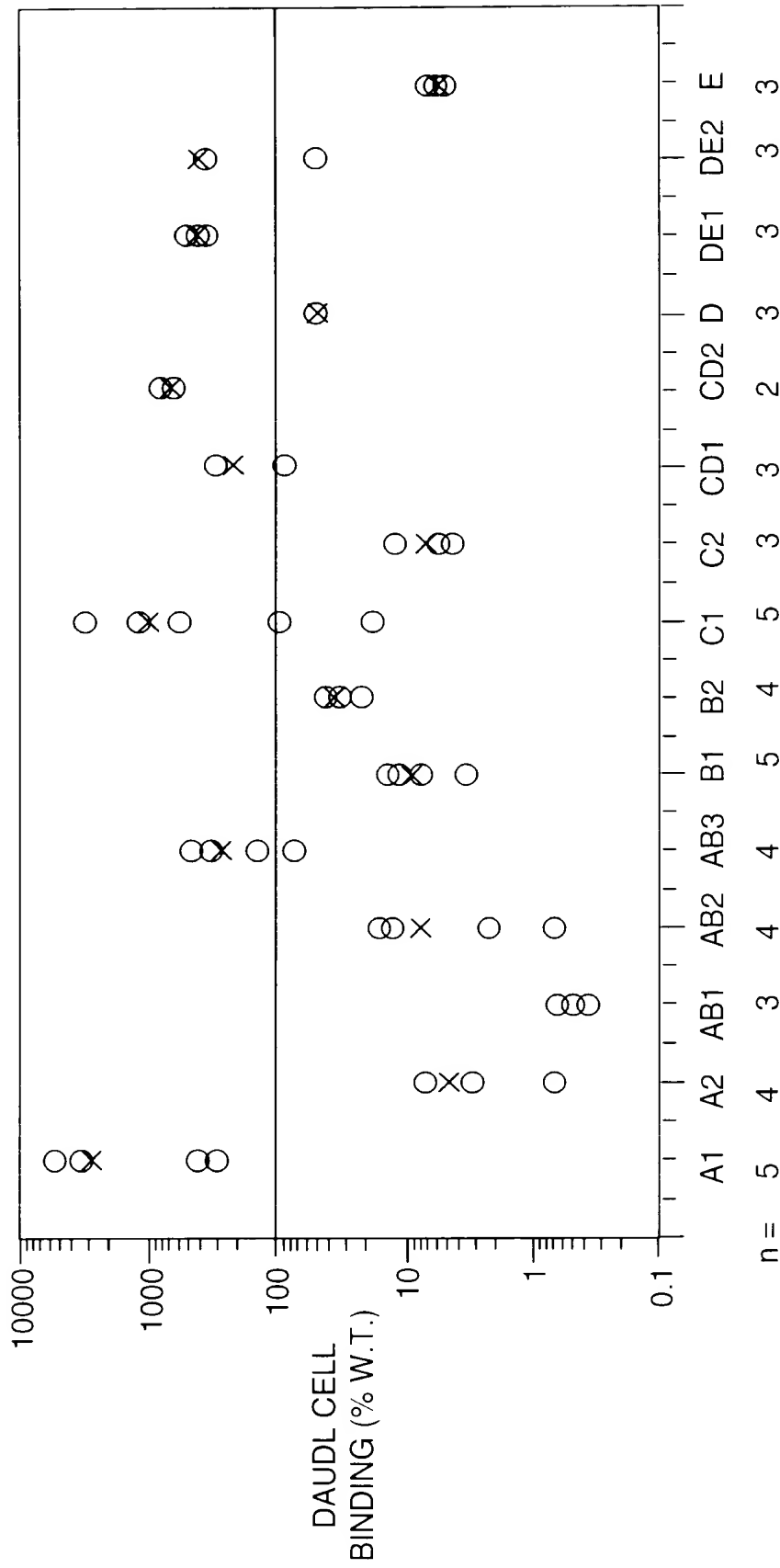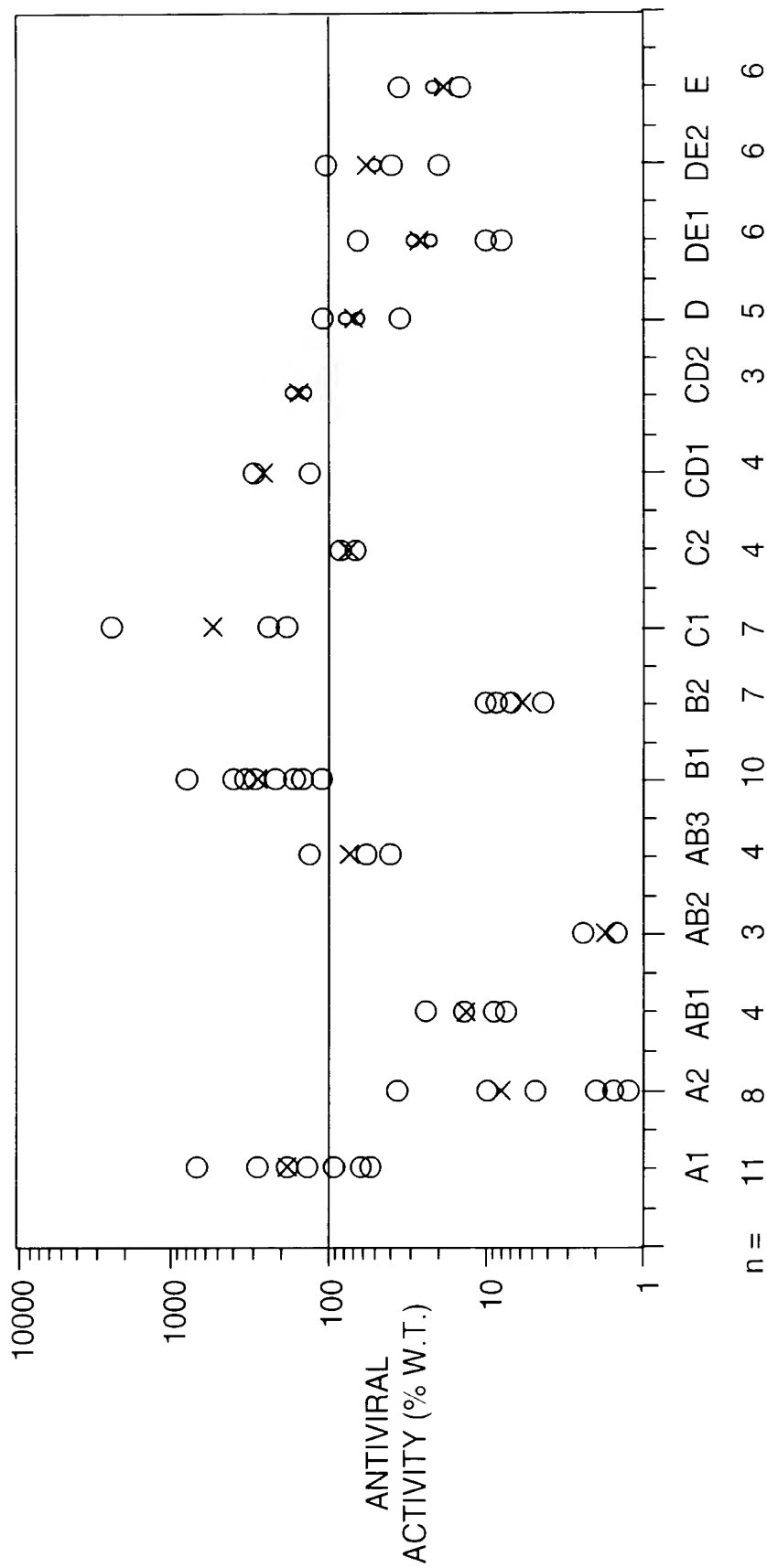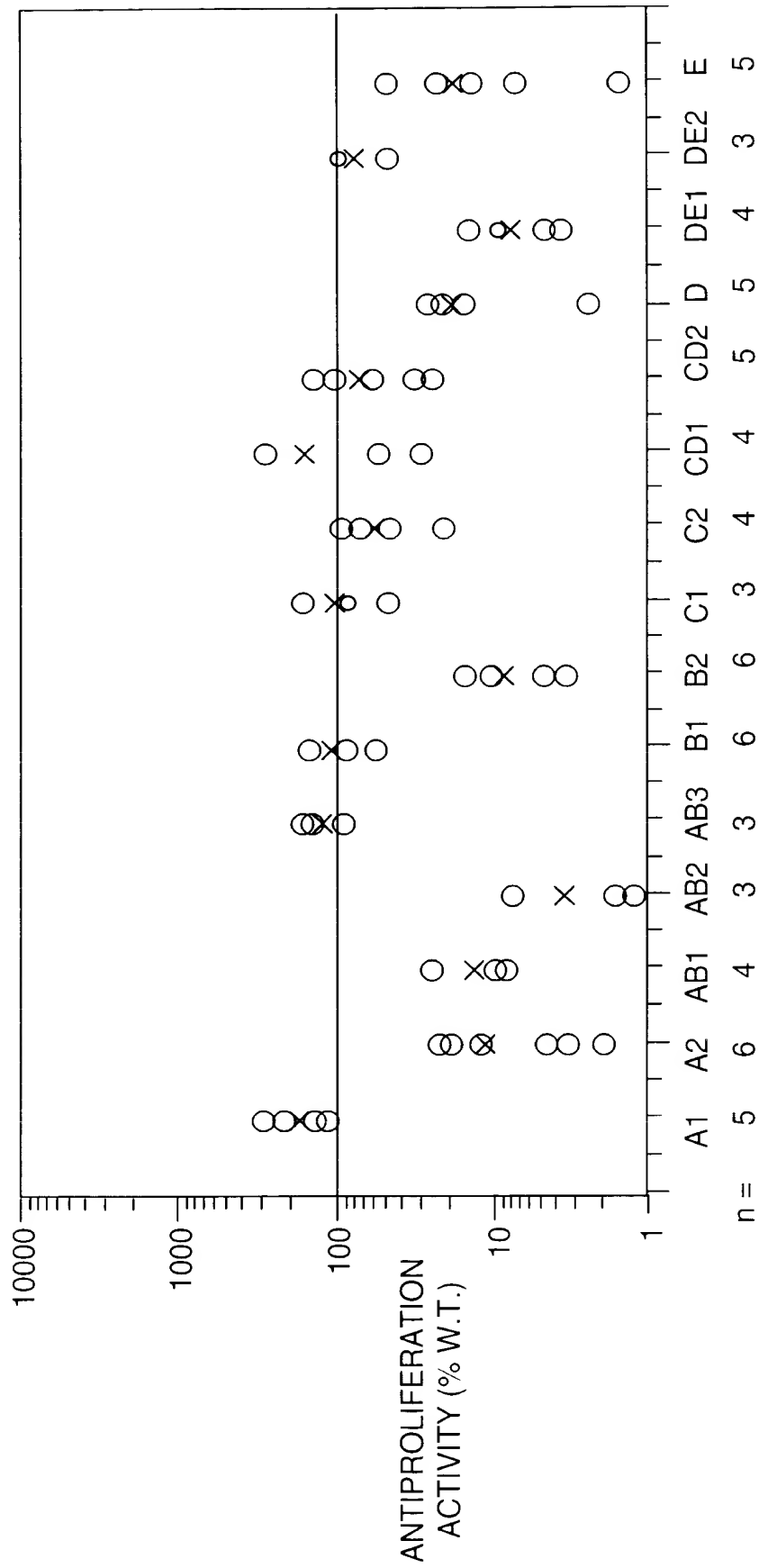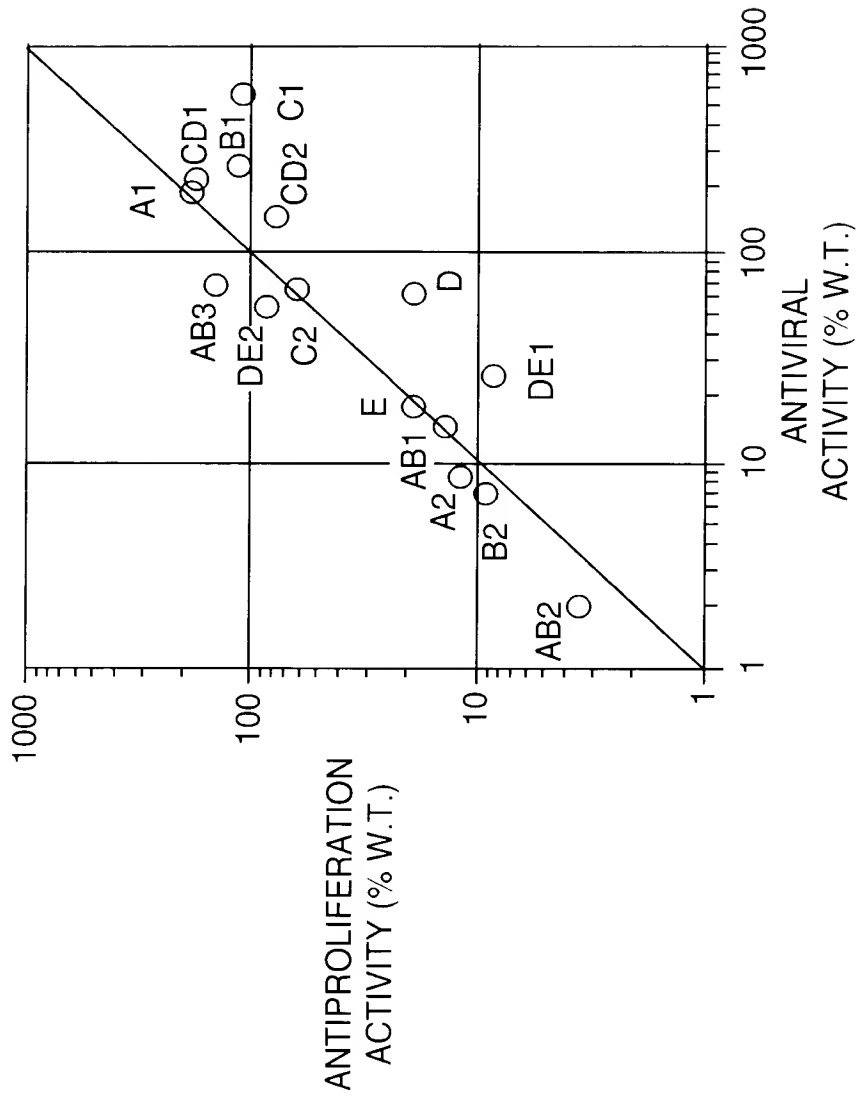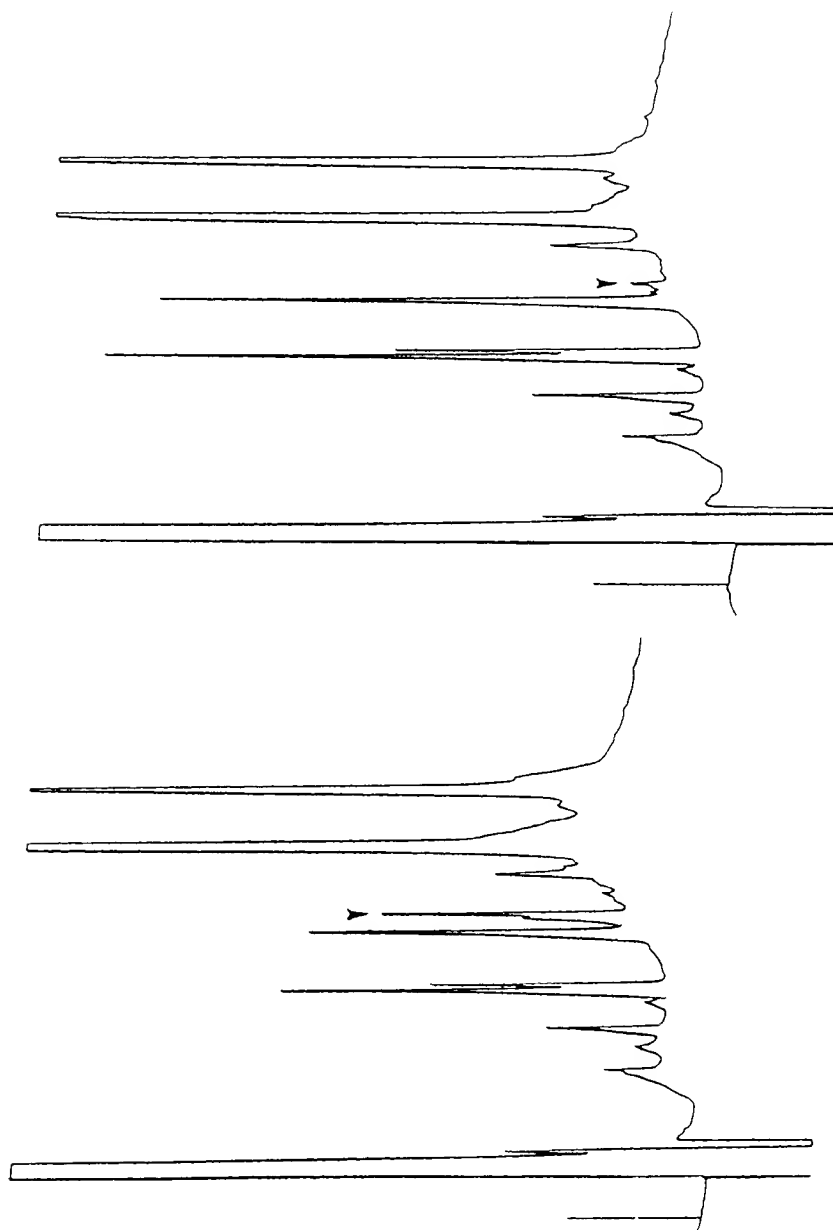FIG. 1

FIG. 2

FIG. 3

FIG. 4
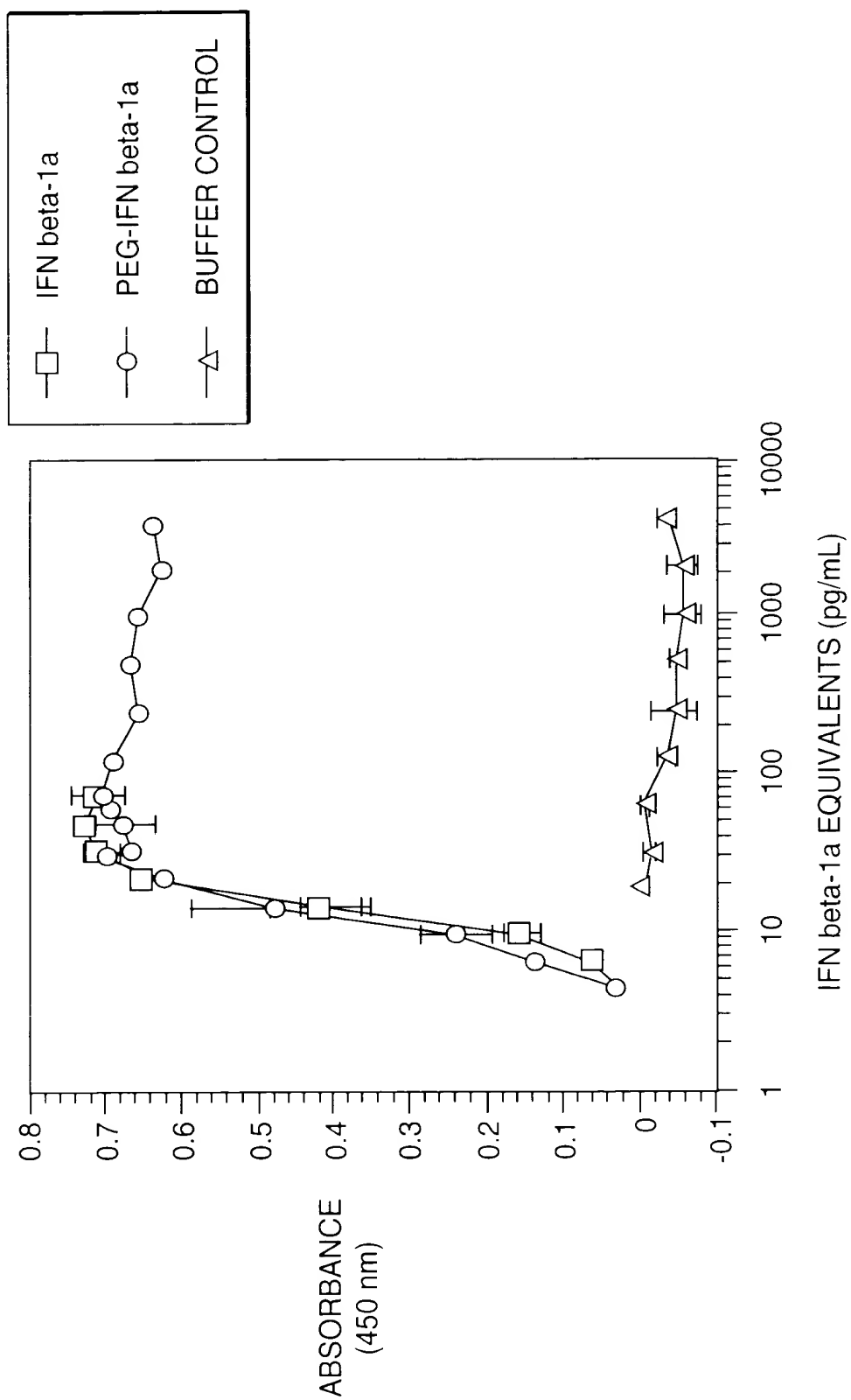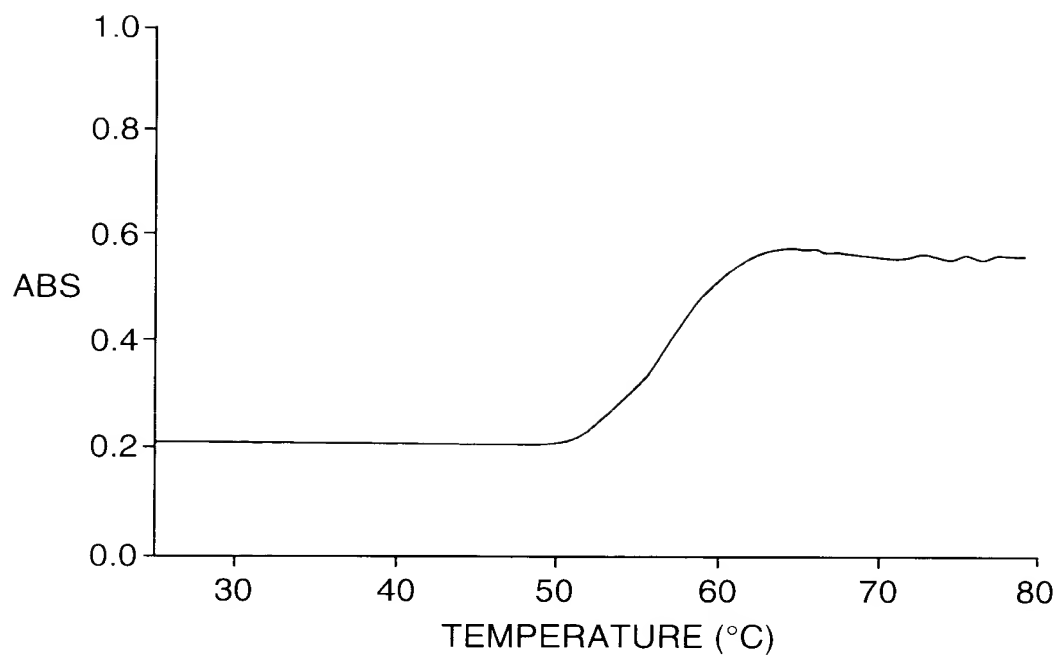
FIG. 5

FIG. 6A

FIG. 6B

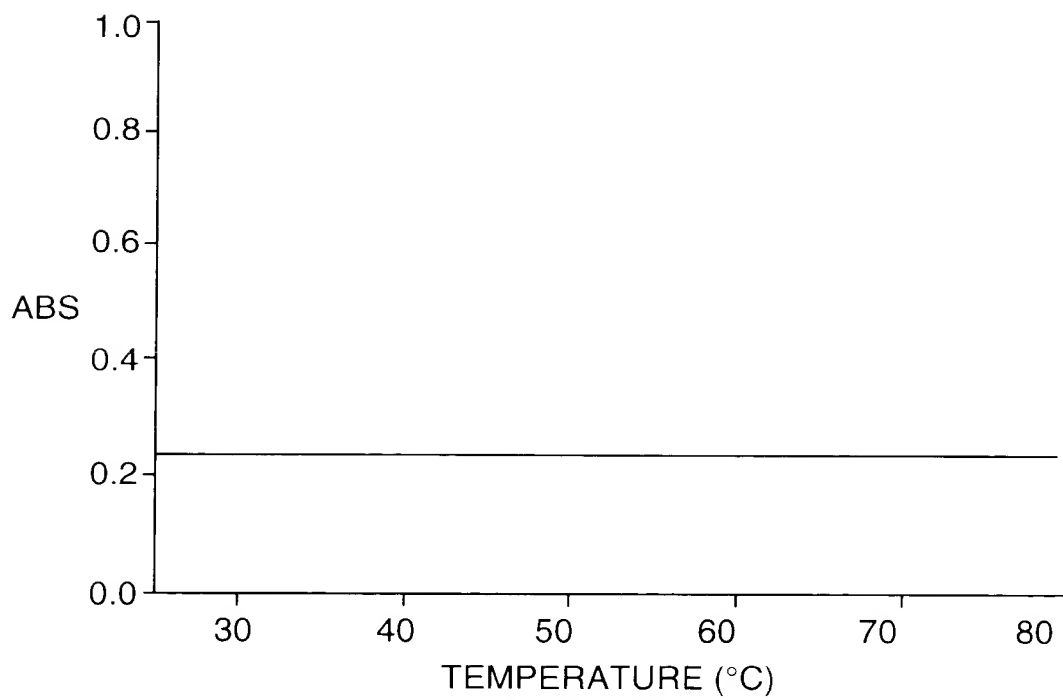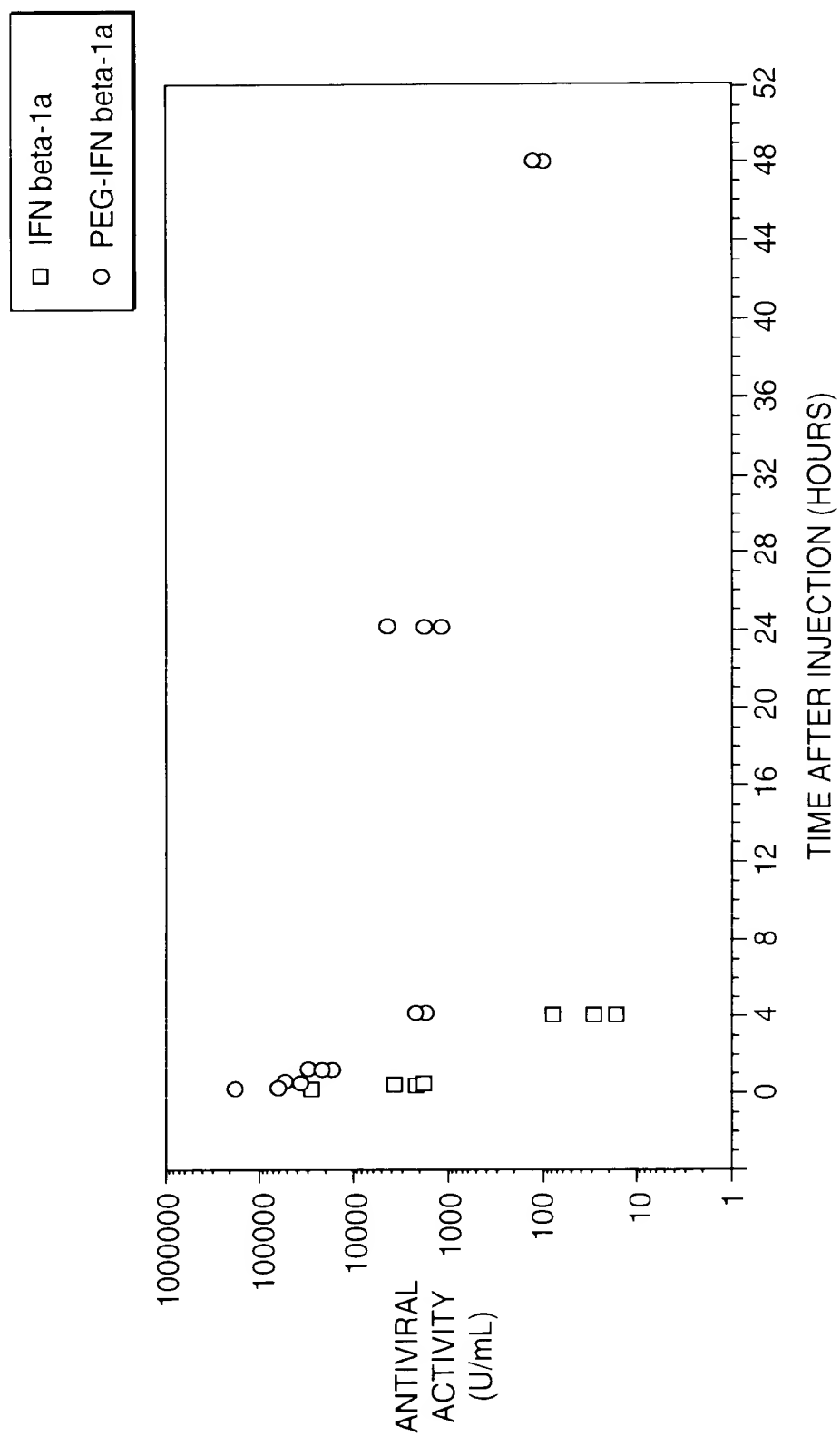FIG. 7

FIG. 8a

FIG. 8b

FIG. 9

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  1  TCCGGGGGCC  ATCATCATCA  TCATCATAGC  TCCGGAGACG  ATGATGACAA  GATGAGCTAC
     AGGCCCCCGG  TAGTAGTAGT  AGTAGTATCG  AGGCCTCTGC  TACTACTGTT  CTACTCGATG
  1▶SerGlyGlyH  isHisHisHi  sHisHisSer  SerGlyAspA  spAspAspLy  sMetSerTyr

 61  AACTTGCTTG  GATTCCTACA  AAGAAGCAGC  AATTTTCAGT  GTCAGAAGCT  CCTGTGGCAA
     TTGAACGAAC  CTAAGGATGT  TTCTTCGTCG  TTAAAAGTCA  CAGTCTTCGA  GGACACCGTT
 21▶AsnLeuLeuG  lyPheLeuGl  nArgSerSer  AsnPheGlnC  ysGlnLysLe  uLeuTrpGln

121  TTGAATGGGA  GGCTTGAATA  CTGCCTCAAG  GACAGGATGA  ACTTTGACAT  CCCTGAGGAG
     AACTTACCCT  CCGAACTTAT  GACGGAGTTC  CTGTCCTACT  TGAAACTGTA  GGGACTCCTC
 41▶LeuAsnGlyA  rgLeuGluTy  rCysLeuLys  AspArgMetA  snPheAspIl  eProGluGlu

181  ATTAAGCAGC  TGCAGCAGTT  CCAGAAGGAG  GACGCCGCAT  TGACCATCTA  TGAGATGCTC
     TAATTCGTCG  ACGTCGTCAA  GGTCTTCCTC  CTGCGGCGTA  ACTGGTAGAT  ACTCTACGAG
 61▶IleLysGlnL  euGlnGlnPh  eGlnLysGlu  AspAlaAlaL  euThrIleTy  rGluMetLeu

241  CAGAACATCT  TTGCTATTTT  CAGACAAGAT  TCATCTAGCA  CTGGCTGGAA  TGAGACTATT
     GTCTTGTAGA  AACGATAAAA  GTCTGTTCTA  AGTAGATCGT  GACCGACCTT  ACTCTGATAA
 81▶GlnAsnIleP  heAlaIlePh  eArgGlnAsp  SerSerSerT  hrGlyTrpAs  nGluThrIle

301  GTTGAGAACC  TCCTGGCTAA  TGTCTATCAT  CAGATAAACC  ATCTGAAGAC  AGTCCTGGAA
     CAACTCTTGG  AGGACCGATT  ACAGATAGTA  GTCTATTTGG  TAGACTTCTG  TCAGGACCTT
101▶ValGluAsnL  euLeuAlaAs  nValTyrHis  GlnIleAsnH  isLeuLysTh  rValLeuGlu

361  GAAAAACTGG  AGAAAGAAGA  TTTCACCAGG  GGAAAACTCA  TGAGCAGTCT  GCACCTGAAA
     CTTTTTGACC  TCTTTCTTCT  AAAGTGGTCC  CCTTTTGAGT  ACTCGTCAGA  CGTGGACTTT
121▶GluLysLeuG  luLysGluAs  pPheThrArg  GlyLysLeuM  etSerSerLe  uHisLeuLys

421  AGATATTATG  GGAGGATTCT  GCATTACCTG  AAGGCCAAGG  AGTACAGTCA  CTGTGCCTGG
     TCTATAATAC  CCTCCTAAGA  CGTAATGGAC  TTCCGGTTCC  TCATGTCAGT  GACACGGACC
141▶ArgTyrTyrG  lyArgIleLe  uHisTyrLeu  LysAlaLysG  luTyrSerHi  sCysAlaTrp

481  ACCATAGTCA  GAGTGGAAAT  CCTAAGGAAC  TTTTACTTCA  TTAACAGACT  TACAGGTTAC
     TGGTATCAGT  CTCACCTTTA  GGATTCCTTG  AAAATGAAGT  AATTGTCTGA  ATGTCCAATG
161▶ThrIleValA  rgValGluIl  eLeuArgAsn  PheTyrPheI  leAsnArgLe  uThrGlyTyr

541  CTCCGAAAC
     GAGGCTTTG
181▶LeuArgAsn
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FIG. 10

FIG. 11